

Epson MobilLink TM-P60 Configuration

Please note that this manual is provided by New West Technologies as an additional service for our partners, and by no means should be considered an authoritative guide. Please refer to the Technical Reference Guide for the TM-P60 for further information on the printer specifications. Because the Epson TM-P60 is an 802.11b-based printer, you may need to be familiar with wireless networking technology and generic networking principles to configure this device.

Requirements:

1. An available wireless network:

- WPA encryption is not supported with the Epson TM-P60 at this time. WEP encryption (64-bit and 128-bit) and open networks (without encryption) are supported.
- If the network is using a MAC filter, please add the MAC address from the printer to the list of permitted devices.

2. Information on an available wireless network:

- ESSID (or SSID, as it's commonly known)
- Encryption key (if the network is encrypted)
- Subnet mask
- An available IP address for use with the printer.
- Router login information (in case an alteration needs to be made to the wireless network configuration.)

3. A laptop or PC with wireless networking capability for configuration of the device

Your Epson TM-P60 printer arrived configured with default settings from the factory. To use your printer, you will need to configure a computer with wireless access (such as a modern laptop) to match the printer before you can change the printer settings.

NOTE: *You should only configure one printer at a time, as all have the same settings installed at the factory. Leave any additional unconfigured Mobillink printers turned off.*

Preparing to Connect to the Printer

Printing out the Current Printer Status

1. Turn on the printer and then open the paper roll cover.
2. Hold down the FEED button until the printer beeps.
3. Close the paper roll cover.
4. Note the SSID, Network Mode, and IP Address

NOTE: *Realign the paper properly so that it may leave the printer housing each time you close the roll cover.*

Configuring your Computer to Communicate with the Printer

(Note: These settings are only temporary. Please keep a copy of your original settings for restoration after the printer has been configured.)

Accessing your Wireless Network Settings

From the Start menu, right-click on **My Network Places** and select **Properties**.

[\(figure 1\)](#)

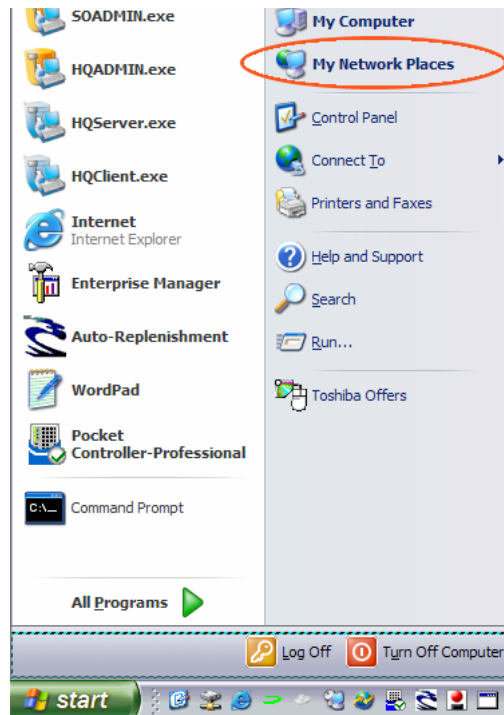


Figure 1

Right-click on **Wireless Network Connection** and select **Properties**. [\(figure 2\)](#)

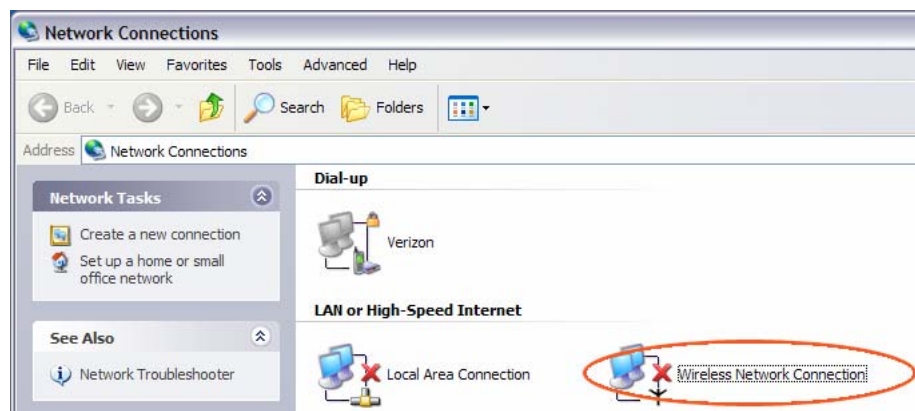


Figure 2

Changing your Settings to use Ad-hoc Networks

Go to the **Wireless Networks** tab and press the **Advanced** button near the bottom.
([figure 3](#))

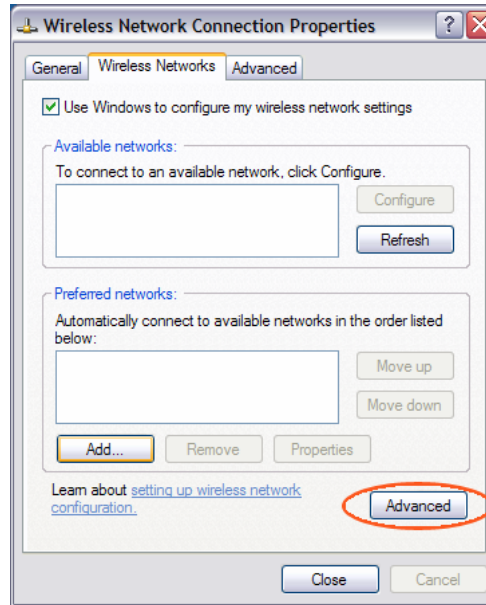


Figure 3

Select the radio button next to **Computer-to-computer (ad-hoc) networks only**.
([figure 4](#)) If your printer arrived direct from the factory the network mode (from the status sheet) should say ad-hoc as well.

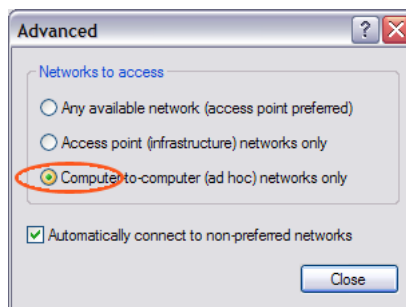


Figure 4

Press the **Close** button to return to the **Wireless Network Connection Properties** window.

Setting an IP Address Manually

1. From the **Wireless Network Connection Properties** window, go to the **General** tab.
2. Click on **Internet Protocol (TCP/IP)**. [\(figure 5\)](#)
3. Press the **Properties** button. [\(figure 5\)](#)

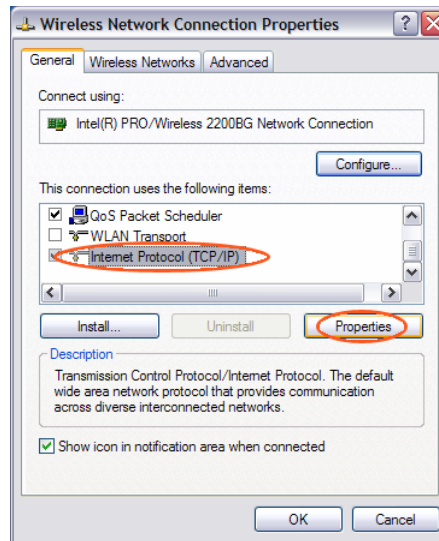


Figure 5

4. When the **Internet Protocol (TCP/IP) Properties** window opens, you should already be at the **General** tab. Select **Use the following IP Address**.
5. In the **IP Address** field, [\(figure 6\)](#) enter the four numbers (separated by periods) that you received from the printer's status sheet labeled as IP Address.
6. Add one (1) to the fourth number in the IP Address. [\(figure 6\)](#)
7. Leave the other settings as they are and press **OK**.

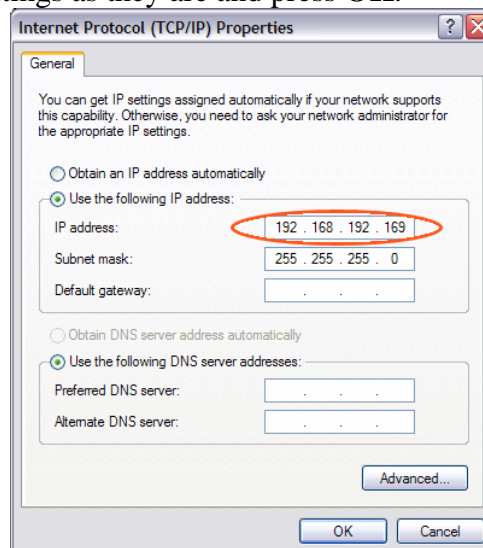


Figure 6

Adding a New Network

1. From the **Wireless Network Connection Properties** window, select the **Wireless Networks** tab.
2. Click on the **Add** button. [\(figure 7\)](#)

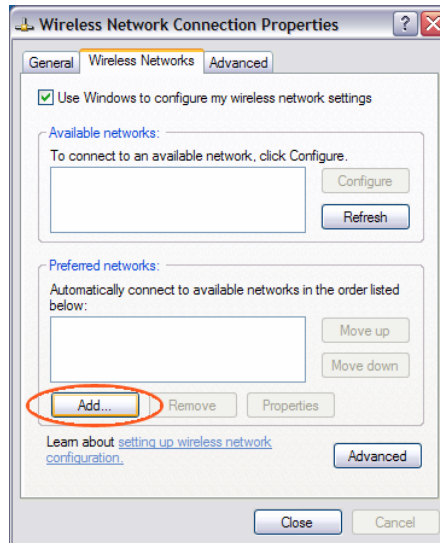


Figure 7

3. Type in the SSID found on the status sheet. (Usually **EpsonNetIBSS**) [\(figure 8\)](#)
4. Change the Network Authentication to **Open**. [\(figure 8\)](#)
5. Change the **Data Encryption** to **Disabled**. [\(figure 8\)](#)
6. Press **OK** to save the changes.

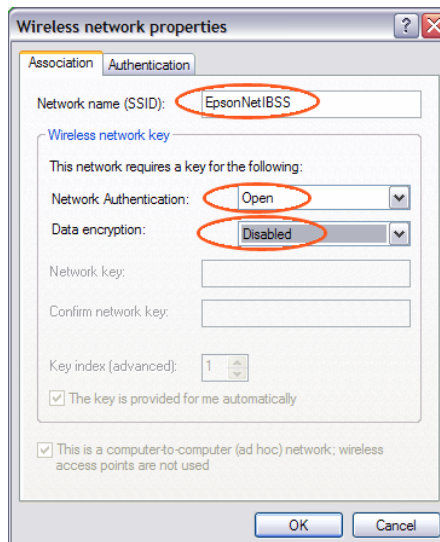


Figure 8

Connecting to the Printer

From the **Wireless Network Connection Properties** window, you should now see the new network listed under both **Available networks** and **Preferred networks**.

1. If you do not see the new network listed under **Available networks**, click **Refresh**. [\(figure 9\)](#)

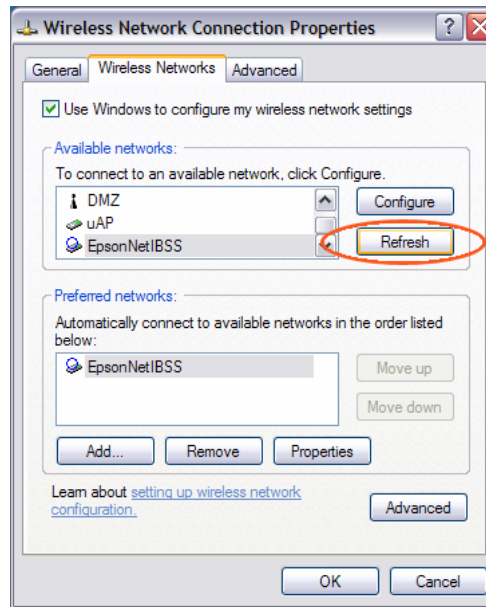


Figure 9

2. Press **OK** to save the changes.
3. From the **Network Connections** window, double-click on **Wireless Network Connection**.
4. Select the new network. Refer to [troubleshooting](#) if it does not appear.
5. Check the **Allow me to...** checkbox. [\(figure 10\)](#)
6. Click **Connect**.



Figure 10

7. Open your web browser and type in the IP Address and press ENTER.
8. When the login window appears, click **OK** without any **User name** or **password**. [\(figure 11\)](#)



Figure 11

9. Your browser should now open the configuration page. [\(figure 12\)](#)

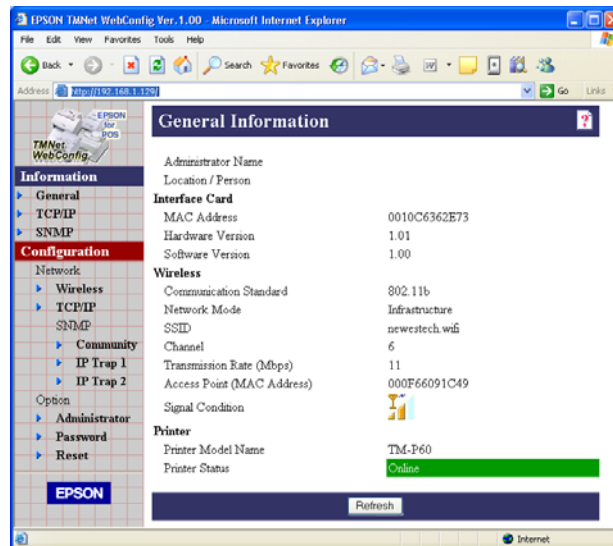


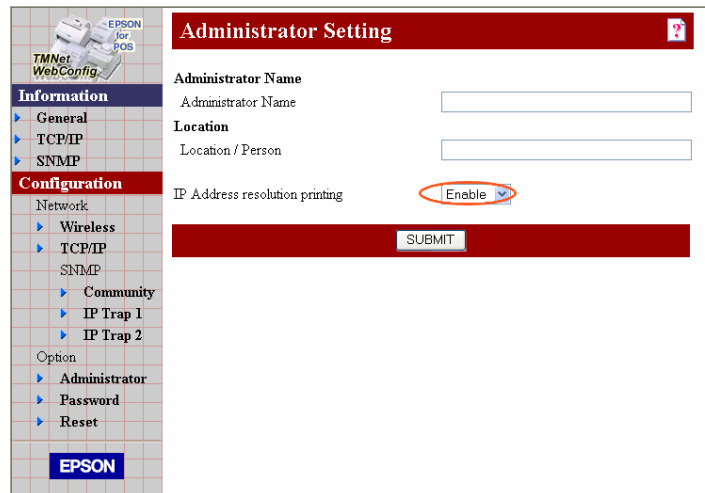
Figure 12

10. If your browser displays neither the login window nor the configuration page, verify the computer's network settings to see that they match what was printed earlier.

Configuring the Printer to Match your Network

Changing the Configuration of your Printer

1. Click on **Administrator** under Options.
2. Change **IP Address resolution printing** to **Enable**. [\(figure 13\)](#)
3. Click **SUBMIT**.



The screenshot shows the Epson TMNet WebConfig interface. On the left is a navigation menu with categories: Information (General, TCP/IP, SNMP), Configuration (Network, Wireless, TCP/IP, SNMP, Community, IP Trap 1, IP Trap 2), Option (Administrator, Password, Reset), and the EPSON logo. The 'Administrator' option is selected. The main panel is titled 'Administrator Setting' and contains fields for 'Administrator Name' and 'Location'. Below these is the 'IP Address resolution printing' setting, which is currently set to 'Enable' (highlighted with a red circle). At the bottom of the main panel is a red 'SUBMIT' button.

Figure 13

NOTE: The printer will always inform you when the settings have been saved successfully. They will take effect after a reset. At this point, do not reset the printer.

4. Go to the **TCP/IP** configuration.
5. Change **Get IP Address** to **Static**. [\(figure 14\)](#)
6. Enter the desired IP address, along with the Subnet Mask and default Gateway. This information can be obtained from your router or from a network administrator.
7. Click **SUBMIT**.

Address: http://192.168.192.168/

Information

- General
- TCP/IP
- SNMP

Configuration

- Network
 - Wireless
 - TCP/IP
 - SNMP
- Community
 - IP Trap 1
 - IP Trap 2
- Option
 - Administrator
 - Password
 - Reset

EPSON

TCP/IP Setting

Get IP Address:

Set using Automatic Private IP Addressing (APIPA):

Set using PING:

IP Address: 192.168.192.168

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

SUBMIT

Figure 14

8. Go to **Wireless** under configuration.
9. Click on the **Infrastructure** radio button. [\(figure 15\)](#)
10. Enter your network SSID into the **SSID** field. This can be obtained from your router or from a network administrator. [\(figure 15\)](#)
11. Press **SUBMIT**.

Information

- General
- TCP/IP
- SNMP

Configuration

- Network
 - Wireless
 - TCP/IP
 - SNMP
- Community
 - IP Trap 1
 - IP Trap 2
- Option
 - Administrator
 - Password
 - Reset

EPSON

Wireless Basic Setting

Network Mode: ☒ Infrastructure

SSID: newestech.wifi

Channel: CH 6

Encryption:

Encryption Key: Key 1

For 64 bit keys you must enter 10 hex digits into the key fields, for 128 bit keys you must enter 26 hex digits.

Key 1:

Key 2:

Key 3:

Key 4:

Power Management: ☐ Enable ☒ Disable

Wireless Detail Setting

Warning!
The following settings are critical to optimal performance of the wireless network. Using the default settings is highly recommended.

Authentication Algorithm: ☒ Open System ☐ Shared Key

AP density: Low

Transmission Rate: Auto(1M-11M)

RTS Threshold: 512

SUBMIT

Figure 15

12. If the wireless network is encrypted on your network, enter the encryption settings now. If the wireless network is unsecured, then no more changes are necessary.
13. Turn the printer off and back on.
14. Turn on any additional printers one by one and repeat the [configuration](#) process.

Restoring the Settings on your Computer

1. Enter the **Wireless Network Connection Properties** window.(see Accessing your Wireless Network Settings)
2. From the **General tab**, open the **Properties** for TCP/IP.
3. Change the IP settings back to normal (usually **Obtain an IP address automatically**)
4. Press **OK**.
5. From the **Wireless Networks** tab, press the **Advanced** button.
6. Restore the settings to their previous state (usually **Any available network**)
7. Keep the new network settings in case you reset the printer later.
8. Press **OK** to return to the **Network Connections** window. (If you do not normally connect through a wireless network, you are now finished)
9. Double-click on **Wireless Network Connection**.
10. Select your network and press connect.

Using your Printer from within Mobile Suite

Selecting the Printer

1. Open **Mobile Suite** on your PDA.
2. Select **Label Printing**.
3. Go to the **Options** tab.
4. Tap on the **Setup** button by **Printer**.
5. Under **Printer**, select **Epson TM-P60**. ([figure 16](#))
6. Under **Port**, select **Network: IP Printer**. ([figure 16](#))
7. Color should automatically be set to **Monochrome**, and the paper orientation and size should self-adjust to the default paper size.
8. Tap on **Set Printer IP** (at the bottom). ([figure 16](#))
9. Enter the IP address under **IP Printer Address**. ([figure 17](#))
10. Tap **Save**.
11. Press **Save Settings** to return to the **Options** tab.

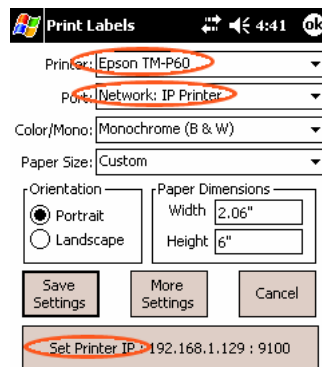


Figure 16

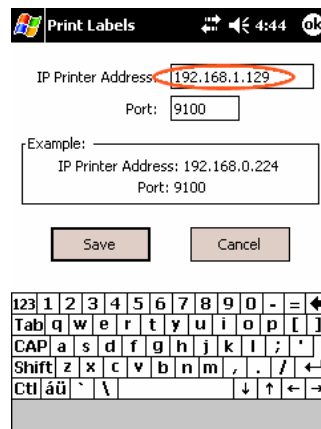


Figure 17

Selecting a Label Template File

1. Tap on the **Setup** button by **Label Template File**.
2. Select a template file from the list.
3. Mobile Suite will return automatically to the **Options** tab.
4. Verify that **Raw Text** is unchecked.

NOTE: *Label Templates can be made from RMS Store Operations Manager and used within Mobile Suite. These template files must be placed within the **My Documents** folder or a subfolder of **My Documents** on your PDA.*

Keep in mind that labels should be chosen and designed according to the size of the paper used by the printer.

Printing from within Mobile Suite

Please refer to the official Mobile Suite documentation for further instructions on printing

Appendix: Troubleshooting

Turning on Wireless Networking

If you are using a laptop to configure your wireless network, be sure that the wireless feature is turned on. Many laptops have a switch on the outside case to disable wireless and save battery power.

Disabling and Enabling Wireless Networking

If your computer constantly refuses to display the printer's ad-hoc network after double-clicking on the **Wireless Network Connection** ([figure 10](#)) you may need to right-click on the icon and select **Disable**. Wait 1 minute, and then right-click again and select **Enable**.

Disabling security

If you cannot get the printer to connect to your wireless network and retrieve an IP number, you may have to disable any security keys and authorization on your network. Have someone who has access to your access point or router disable the security temporarily until you can set up the printer. If several computers access the network through this wireless access point or router consider doing this after hours. Then, slowly re-introduce your security scheme until you can pinpoint what is preventing network access. Be sure to update your other computers if you change any settings.

Resetting the printer

If, in the installation process, your printer becomes unresponsive and inaccessible, you may reset it to the factory default state by following this sequence.

1. While the printer is in the off state, open the paper roll cover.
2. Turn on the printer while holding down the FEED button.
3. Press the FEED button 6 times.
4. Shut the paper roll cover.
5. The printer will now print its current configuration and the remainder of the procedure. To continue with the reset, open the paper roll cover and press the feed button exactly one (1) time. Close the paper roll cover and the printer will reset itself to the factory default state.